

Index to Volume 68 of MAYO CLINIC PROCEEDINGS

Subject Index on page 1236

Book Review Index on page 1234

AUTHOR INDEX*

*Book reviews, historical profiles, and stamp vignettes are indicated in italic print.

A

Abram SE, 1134
Adams AC, 516
Afessa B, 427
Agre JC, 821
Ahlskog JE, 443, 578
Aksamit AJ Jr, 652, 899
Allen MS, 492, 680
Allison TG, 19
Anderson CF, 358
Anderson ML, 1203
Anderson TJ, 713
Andraca R, 1151
Antoniades LC, 54
Assef SJ, 1074
Aughenbaugh GL, 317, 880

B

Backer CL, 1131
Bailey KR, 54, 1143
Baker HH Jr, 792
Baldus WP, 263
Ballard DJ, 1143
Barefoot JC, 192
Bartley GB, 256, 395, 552, 722
Batts KP, 263, 355
Behrens TL, 1074
Bell MR, 83
Belohlavek M, 213, 221
Benarroch EE, 988
Bender CE, 102
Berger TM, 366
Bergstralh EJ, 552, 738
Berseth CL, 332
Binkovitz LA, 393, 707, 783, 1097
Blackshear JL, 268
Bolling JP, 955, 1011
Bond JR, 411, 499, 1225
Bonner JA, 593
Bower TC, 637
Bowie EJW, 897
Braun JS, 867
Brazis PW, 501, 955
Brecher ME, 37
Breen JF, 743, 1021
Breen JL, 825
Brekke ML, 785
Bren ND, 657
Bresnahan JF, 5
Brown DL, 768
Brown LR, 206, 880, 1035, 1110

Brown ML, 753
Brundage BH, 411
Buettner H, 1011
Bullock JD, 1003
Burke MJ, 1074
Burnett JC Jr, 42
Buskirk SJ, 665
Byrne WD, 468

C

Cameron AJ, 827, 1067
Camilleri M, 691
Campbell RJ, 1135
Camrud AR, 54
Caplan RH, 435
Carlson BA, 307
Carter W, 468
Caselli RJ, 846, 955
Cersosimo E, 343
Cha SS, 757
Chaliki HP, 783
Chang C-S, 757
Char DH, 1081
Charboneau JW, 612
Cherry KJ, 637
Clay RP, 932
Closson JB, 721
Cockerill FR III, 1227
Cofield RH, 516
Colby TV, 1110
Coles DT, 1110
Colligan RC, 109
Colwell LJ, 1067
Connolly SM, 122
Cortese DA, 685
Creagan ET, 161, 614
Crowson CS, 939
Cummins FE, 5
Cupp MR, 297
Cupps TR, 194
Cusack B, 1043
Czaja AJ, 1049

D

Dale JC, 249
Danielson DR, 842
Danielson GK, 128, 743, 854, 1056
Davenport PA, 846
Davila DG, 170, 278, 795
Davis LJ Jr, 731
Dearani J, 468

DeBoer SW, 1142
Dennis DA, 1034
De Potter P, 1191
DeRemee RA, 115
Deschamps C, 593
Dickson ER, 1049
Dinneen SF, 860
Donohue JH, 1036
Drage CW, 183
Dunn WF, 371, 475, 795
Dunn WL, 867

E

Earle JD, 665
Earnest F IV, 955
Ebers GC, 711
Ebersold MJ, 552, 724
Ebnet LE, 355
Edell ES, 307, 685
Edson RS, 1151
Edwards WD, 54, 523, 642, 778
Ehrlich T, 468
Ekin JA, 566
el-Azhary RA, 835
Elmore JR, 637
Enriquez-Sarano M, 523
Ereth MH, 842
Espinosa RE, 778
Espy MJ, 1107
Estes TJ, 37

F

Fairbanks VF, 263
Farnell MB, 911
Farrugia E, 157
Fatourehchi V, 552
Faust RJ, 512
Feldon SE, 616
Fitzpatrick LA, 419
Fleming CR, 763
Fode NC, 337
Foley DA, 213, 221
Foote RL, 593, 665
Forbes G, 256, 627
Forrester JS, 5
Freeman WK, 523
Froula PD, 256
Frytak S, 593
Fuhrman BP, 404
Frye RL, 109

G

Gaffey TA, 724, 1036
 Galasso PJ, 349
 Garratt KN, 1021
 Garrity JA, 256, 552
 Gau GT, 19
 Gay PC, 427, 515
 Gerber TC, 213, 221
 Gersh BJ, 1143
 Gershwin ME, 1128
 Gharagozloo F, 703
 Gharib H, 343, 1165
 Gibbons RJ, 63, 637
 Gillespie DJ, 880
 Gisvold JJ, 454
 Glenn JF, 825
 Gloviczki P, 637
 Goellner JR, 343
 Goldenberg T, 5
 Goldman S, 443
 Gonyea MT, 982
 Goodnough DE, 435
 Gores GJ, 874
 Gorman CA, 552
 Grado GL, 122, 665
 Graff-Radford NR, 955
 Greenleaf JF, 213, 221

H

Hagler DJ, 854, 1056
 Hall BA, 826
 Hallett JW Jr, 637, 721
 Hamburgien ME, 109
 Hanssen AD, 1135
 Harper CM Jr, 1110
 Harper JV, 928
 Harshaw W, 468
 Hashimoto E, 1049
 Hatle LK, 1158
 Hay JE, 69
 Heigh RI, 1203
 Heise RH, 892
 Helminski F, 80, 400, 709, 1212
 Herman DC, 412
 Herman LJ, 404
 Heublein DM, 42
 Higano ST, 134
 Hill RH Jr, 197
 Hoffman OA, 880
 Holick MF, 925
 Holley KE, 561
 Holmes DR Jr, 5, 54, 134, 1021
 Homburger HA, 561, 1049
 Hoyer JD, 1027
 Hsu JJ, 753, 948, 1067
 Huber KC, 54
 Hughes BA, 652
 Hurley DL, 1205
 Huxsahl JE, 102

I

Ilstrup DM, 11, 128
 Isackson PJ, 1043
 Ivnik RJ, 731

J

Jacobsen SJ, 1143
 Jahangir A, 268
 Jennings CA, 109
 Jensen MD, 867
 Jett JR, 378, 603
 Johnson CD, 147
 Johnson CM, 723, 982
 Jones KA, 1074
 Jones MF, 1107
 Jorgenson MA, 54
 Joyce JW, 642
 Juergens SM, 818
 Julsrud PR, 743, 1056

K

Kacere RD, 355
 Kanaley JA, 867
 Kao PC, 835, 1165
 Kaplan RS, 1171
 Karsell PR, 288, 1025
 Katz JN, 86
 Kelly PJ, 627, 965
 Kern EB, 1151
 Khandheria BK, 523
 Khraibi AA, 42
 Kidess AI, 435
 Kiernan PD, 468
 Kim CH, 753, 948, 1067
 Kim DM, 37
 Kimmel DW, 363, 652
 King BF, 157
 Kinter TM, 221
 Kirsch JD, 612
 Kleinberg F, 723
 Kluge K, 419
 Knox FG, 42
 Knutzen AM, 454
 Koenig WJ, 332
 Konzen KM, 449
 Kottke BA, 556, 657
 Kottke TE, 785, 1143
 Kovacs KT, 971
 Krasicky G, 468
 Krom RAF, 69
 Krowka MJ, 427
 Kurland RL, 11
 Kurtin PJ, 763
 Kyle RA, 26, 68, 189, 262, 370, 441, 706, 763, 929, 1002, 1125, 1176

L

Laney WR, 323
 Larson TS, 157
 LaRusso NF, 874
 Laskowski ER, 1029, 1099
 Lavie CJ, 618
 Lee RA, 1226
 Lema MJ, 100
 Lennon RL, 1074
 Leon MB, 5
 Leopold DA, 1224
 Lewallen DG, 11
 Li C-Y, 47, 757
 Liang MH, 86

Liang Y-H, 757
 Lieberman E, 313
 Liesegang TJ, 1003
 Lindor KD, 1049
 Litin SC, 349
 Little JM, 921
 Litvack F, 5
 Low PA, 748
 Ludwig J, 69, 263, 1049
 Lyons MK, 411, 1097

M

Mackey DC, 768
 Madhok R, 11
 Mair DD, 128, 515, 854
 Makker M, 1043
 Malinchoc M, 109
 Marsh WR, 337
 Martenson JA Jr, 593
 Maruta T, 109
 Massie BM, 1214
 Maus TP, 895
 McCaffrey TV, 571
 McCann HA, 1143
 McCarthy JT, 419
 McConahey WM, 1205
 McDonald TJ, 722
 McDougall JC, 288, 593, 685
 McMahon MM, 911
 Melton LJ III, 11
 Menke DM, 763
 Meredith IT, 713
 Meyer FB, 337
 Midthun DE, 378
 Miller DL, 492
 Miller FA Jr, 523, 1034
 Miller TD, 19
 Miller WL, 203
 Milliner DS, 241, 316
 Milliner EK, 939
 Mock MB, 204
 Mohr DN, 933
 Moir C, 449
 Monda JM, 670
 Morgenthau TI, 1110
 Morrey BF, 37, 101
 Morse RM, 731
 Moyer TP, 263, 1210
 Mullany CJ, 63, 703, 743
 Muller SA, 835
 Mulvagh SL, 1158
 Murphy ME, 241
 Murray MJ, 911
 Myers JL, 804

N

Naessens JM, 637
 Nagorney DM, 874
 Neel HB III, 100
 Nelson AM, 827
 Nelson CW, 4, 108, 212, 322, 418, 522, 626, 730, 834, 938, 1042
 Nelson JK, 1142
 Nelson KD, 1097
 Nelson RL, 205
 Nichols JC, 874

Nichols WL, 897
 Nishimura RA, 134
 Nishino H, 115
 Nyman MA, 1021

O

O'Brien JF, 349
 O'Brien PC, 91, 141, 860, 867
 O'Brien T, 141, 556, 860
 O'Connell EJ, 307
 O'Connor MK, 753, 1067
 O'Duffy JD, 846
 Oesterling JE, 297, 670
 O'Fallon WM, 939
 Offord KP, 109
 Ogburn PL Jr, 892
 Oh JK, 523, 1158
 Oldenburg WA, 268, 763
 Olin JW, 203
 Olsen KD, 206, 665, 1016
 O'Maricaigh AS, 332
 Orszulak TA, 207, 703

P

Paolero PC, 637, 795, 1056, 1067
 Palumbo PJ, 141, 860, 1126, 1222
 Parisi JE, 115
 Pascual JMS, 1177
 Patel AM, 273, 278, 475
 Patel HG, 427
 Patel TC, 63
 Pemberton JH, 978
 Pernicaro C, 1220
 Perrault J, 449
 Peters MS, 835
 Peters SG, 273, 278, 483, 1035
 Peterson GC, 846
 Petrie RS, 738
 Pettit PDM, 1064
 Philen RM, 197
 Phillips SF, 978
 Piegras DG, 337
 Pietan JH, 1201
 Pisani RJ, 386
 Pittelkow MR, 835
 Plevak DJ, 317, 427
 Poland GA, 1136
 Popovic EA, 965
 Porter CJ, 366
 Prakash UBS, 316, 1177
 Pritzker MR, 515
 Pruett SK, 249
 Puga FJ, 128, 854, 1056

Q

Quimby SR, 122

R

Raby KE, 713
 Rainwater L, 948
 Rastogi A, 556, 657
 Rayson S, 189
 Reading CC, 612
 Reeder GS, 5
 Reimer R, 1064
 Reynertson RH, 435

Reynolds JC, 1031
 Richelson E, 1043
 Ritts RE Jr, 874
 Rizzo TD Jr, 412
 Rock MG, 1099
 Rodeheffer RJ, 1143
 Rodriguez M, 627
 Romanski SA, 419
 Ros PR, 931
 Rosekrans JA, 332
 Rosenow EC III, 168, 778, 804
 Rothbaum DA, 5
 Roust LR, 867
 Rowland LP, 1034
 Rubino FA, 115
 Rummans TA, 731

S

Safford RE, 268
 Sahn DJ, 311
 Sano T, 971
 Scanlon PD, 371
 Schaff HV, 128, 642, 743, 778, 854, 1056
 Schaid DJ, 665
 Scheithauer BW, 627, 846, 971
 Schievink WI, 1064
 Schutt AJ, 363
 Schwartz RS, 54, 1021
 Schwenk WF II, 517, 1225
 Seiler JC, 1064
 Selwyn AP, 713
 Seo IS, 47
 Service FJ, 141
 Seward JB, 128, 213, 221, 523, 854
 Shampo MA, 68, 189, 262, 370, 441, 706, 929, 1002, 1125, 1176
 Shaw EG, 593
 Sherrard DJ, 510
 Shields CL, 1191, 1196
 Shields JA, 1191, 1196
 Shine TSJ, 1064
 Shuster EA, 955
 Siegler M, 461
 Silberbach M, 311
 Sim EKW, 1056
 Sim FH, 1134
 Sinaki M, 566, 738, 1171
 Sizemore GW, 1205
 Slawson SH, 707
 Smith AM, 939
 Smith CR, 402
 Smith TF, 1107
 Snyder LS, 1203
 So EL, 1136
 Solberg LI, 785
 Specks U, 828
 Spittell JA Jr, 642
 Spittell PC, 642
 Squires RW, 19, 738
 Srivatsa SS, 355
 Stanson AW, 642
 Stanton MS, 932, 1016
 Stark ME, 1183
 Strickland RA, 1016
 Stuart MJ, 939
 Suman VJ, 343
 Swensen SJ, 307, 378, 427, 804
 Sykes MW, 707

T

Tajik AJ, 523, 642, 1158
 Talley NJ, 1067
 Tangalos EG, 413
 Tazelaar HD, 795
 Thompson GP, 804
 Thompson WM, 665
 Thornhill TS, 1224
 Tischler AS, 826
 Tolman DE, 323
 Toohill RJ, 1219
 Topol EJ, 88
 Trastek VF, 475, 1067
 Tremaine WJ, 355, 1183

U

Utz JP, 804

V

Valdovinos MA, 691
 Van de Water J, 1128
 van Heerden JA, 721
 van Hoek B, 69
 van Son JAM, 128, 743, 854, 1056
 Van Winter JT, 892
 Velosa JA, 561

W

Wahner HW, 867
 Wallrichs SL, 11
 Watson M, 1043
 Weaver AL, 948
 Weber JG, 842
 Weiland TL, 1036
 Wentworth MA, 556
 Westmoreland BF, 846
 Wharen RE Jr, 1064
 Whitesell PL, 183, 483
 Wickus GG, 435
 Wiese-Bjornstal DM, 939
 Wiesner RH, 69, 874, 1049
 Williams DE, 170
 Williams HJ Jr, 1201
 Winkelmann RK, 122
 Wischmeyer P, 978
 Wold AD, 1107
 Wolfe JT III, 763
 Woods JE, 101

Y

Yam LT, 47
 Yamada M, 1043
 Yamada MS, 1043
 Yamani M, 1214
 Young JL, 1099
 Young WF Jr, 141, 971
 Younge BR, 931

Z

Zimmerman BR, 691
 Zinsmeister AR, 449, 948, 1067

Index to Volume 68 of MAYO CLINIC PROCEEDINGS

Author Index on page 1231

Subject Index on page 1236

BOOK REVIEW INDEX

Note: Entries are listed alphabetically by title; reviewer's name is in parentheses.
An asterisk (*) denotes books written or edited by Mayo Clinic staff.

A

- *Adrenal Medulla, 1989-1991, by SW Carmichael, SL Stoddard (AS Tischler)—826
- Adult Spine: Principles and Practice, edited by JW Frymoyer (MJ Ebersold)—724
- *Alimentary Tract Imaging: A Teaching File, by CD Johnson (PR Ros)—931
- Aspects of the Computer-Based Patient Record, edited by MJ Ball, MF Collen (DN Mohr)—933
- *Atherectomy, edited by DR Holmes Jr, KN Garratt (MR Pritzker)—515
- Atlas of Chest Imaging: Correlated Anatomy with MRI and CT, by M Wagner, TL Lawson (LR Brown)—1035
- *Atlas of Gynecologic Surgery, by RA Lee (JL Breen)—825
- *Atlas of Neuro-Ophthalmic Surgery, by TC Spoor et al (BR Young)—931
- *Atlas of Regional Anesthesia, by DL Brown (MJ Lema)—100

C

- Cardiomyoplasty, edited by A Carpentier et al (TA Orszulak)—207
- Cardiovascular Significance of Endothelium-Derived Vasoactive Factors, edited by GM Rubanyi (WL Miller)—203
- Child and Adolescent Psychiatry: A Comprehensive Textbook, edited by M Lewis (JE Huxsahl)—102
- Clinical Anesthesiology, by GE Morgan, MS Mikhail (BA Hall)—826
- Clinical Diabetes Mellitus: A Problem-Oriented Approach, edited by JK Davidson (RL Nelson)—205
- Clinical Nutrition of the Young Child, edited by O Brunser et al (WF Schwenk II)—517
- Clinical Pediatric Nephrology, edited by KK Kher, SP Makker (DS Milliner)—316

- *Clinical Pediatric Urology, edited by PP Kelalis et al (JF Glenn)—825
- Color Atlas/Text of Ophthalmic Parasitology, by BH Kean et al (DC Herman)—412
- Complications in Head and Neck Surgery, edited by YP Krespi, RH Ossoff (TJ McDonald)—722
- Computed Tomography and Magnetic Resonance of the Thorax, by DP Naidich et al (GL Aughenbaugh)—317
- *Contemporary Issues in Peripheral Vascular Disease, edited by JA Spittell Jr (JW Olin)—203
- Contemporary Management of Ventricular Arrhythmias, edited by AJ Greenspon, HI Waxman (MS Stanton)—932
- Critical Care Practice, edited by JW Hoyt et al (DJ Plevak)—317

D

- Diseases of the External Eye and Adnexa: A Text and Atlas, by HB Ostler (GB Bartley)—722
- Disorders of the Pancreas: Current Issues in Diagnosis and Management, edited by GP Burns, S Bank (JA van Heerden)—721

E

- *Elbow and its Disorders, edited by BF Morrey (TS Thornhill)—1224
- Emergency Plastic Surgery, edited by RJ Greco (JE Woods)—101
- Esophagus, edited by DO Castell (AJ Cameron)—827

F

- Fetal and Neonatal Physiology, edited by RA Polin, WW Fox (F Kleinberg)—723
- Functional Electrical Rehabilitation: Technological Restoration After Spinal Cord Injury, by CA Phillips (JB Closson)—721

H

- Head and Neck Oncology: Diagnosis, Treatment, and Rehabilitation, edited by EM Myers (KD Olsen)—206
- Heart and Cardiovascular System: Scientific Foundations, edited by HA Fozzard et al (MB Mock)—204
- Hepatitis B Vaccines in Clinical Practice, edited by RW Ellis (GA Poland)—1136
- High-Resolution CT of the Lung, by WR Webb et al (LR Brown)—206
- Histology for Pathologists, edited by SS Sternberg (TL Weiland, TA Gaffey)—1036

I

- Interventional Radiology, edited by WR Castañeda-Zúñiga, SM Tadavarthi (CE Bender)—102
- Intracerebral Hematomas, edited by HH Kaufman (MK Lyons)—411
- Intravascular Ultrasound Imaging, by DM Cavaye, RA White (JW Hallett)—721

L

- Lasers in Head and Neck Surgery, edited by EC Weisberger (HB Neel III)—100
- Lung Disease in the Tropics, edited by OP Sharma (UBS Prakash)—316
- Lung Injury, edited by RG Crystal, JB West (PC Gay)—515

M

- Magnetic Resonance Imaging and Spectroscopy in Sports Medicine, edited by M Osteaux et al (TD Rizzo Jr)—412
- Medical Treatment of Epilepsy, edited by SR Resor Jr, H Kutt (EL So)—1136

Methicillin-Resistant *Staphylococcus aureus*: Clinical Management and Laboratory Aspects, edited by MT Cafferkey (FR Cockerill III)—1227

MRI Total Body Atlas. Vol I: Neuro; Vol II: Orthopedic, by SJ Pomeranz (JR Bond)—1225

Musculoskeletal Imaging: MRI, CT, Nuclear Medicine, and Ultrasound in Clinical Practice, edited by JA Markisz (JR Bond)—411

Musculoskeletal Surgery for Cancer: Principles and Techniques, edited by PH Sugarbaker, MM Malawer (FH Sim)—1134

O

Ophthalmic Histopathology, by WR Lee (RJ Campbell)—1135

*Orthopedic Anesthesia, edited by DJ Wedel (SE Abram)—1134

P

Pediatric Cardiac Catheterization, edited by WH Neches et al (DD Mair)—515

Pediatric Rheumatology for the Practitioner, by JC Jacobs (AM Nelson)—827

*Peripheral Neuropathy, edited by PJ Dyck, PK Thomas (LP Rowland)—1034

Principles of Critical Care, edited by JB Hall et al (SG Peters)—1035

Pulmonary Complications of Systemic Disease, edited by JF Murray (U Specks)—828

R

Replacement Cardiac Valves, edited by E Bodnar, R Frater (FA Miller Jr)—1034

S

Skeletal Trauma: Fractures, Dislocations, and Ligamentous Injuries, edited by BD Browner et al (AD Hanssen)—1135

Surgical Disorders of the Shoulder, edited by MS Watson (RH Cofield)—516

*Systemic Disease and the Nasal Airway, edited by TV McCaffrey (DA Leopold)—1224

T

Te Linde's Operative Gynecology, edited by JD Thompson, JA Rock (RA Lee)—1226

Textbook of Clinical Neuropharmacology and Therapeutics, edited by HL Klawans et al (AC Adams)—516

Textbook of Pediatric Intensive Care, edited by MC Rogers (CM Johnson)—723

Textbook of Pediatric Nutrition, edited by RM Suskind, L Lewinter-Suskind (WF Schwenk II)—1225

Too Old for Health Care? Controversies in Medicine, Law, Economics, and Ethics, edited by RH Binstock, SG Post (EG Tangalos)—413

Total Joint Replacement, edited by W Petty (BF Morrey)—101

*Total Knee Arthroplasty, edited by JA Rand (DA Dennis)—1034

Treatment of Pre-Cancerous Lesions and Early Breast Cancer, edited by IM Ariel, AC Cahan (JH Donohue)—1036

U

*Ultrafast Computed Tomography in Cardiac Imaging: Principles and Practice, edited by W Stanford, J Rumberger (BH Brundage)—411

W

Why Not Say It Clearly: A Guide to Expository Writing, by LS King (TA Gaffey)—724

Wound Healing: Biochemical and Clinical Aspects, edited by IK Cohen et al (RP Clay)—932



Index to Volume 68 of MAYO CLINIC PROCEEDINGS

Author Index on page 1231

Book Review Index on page 1234

SUBJECT INDEX*

*Full titles of articles in boldface type.

A

- Abdominal aortic aneurysm: coronary angioplasty for myocardial revascularization before surgical treatment of, 637
- Abdominal pain: computed tomographic diagnosis of mesenteric volvulus in patients with, 1201
- in chronic hereditary or idiopathic pancreatitis, 449
- Aberrant subclavian artery: aneurysm of, 468
- Achalasia: prospective evaluation of relationship between lower esophageal sphincter pressure, esophageal transit, and esophageal diameter and symptoms in response to pneumatic dilation, 1067**
- Achalasia, aspiration, and atypical mycobacteria, 1025**
- Acyclovir: for treatment of herpes zoster-associated meningoencephalitis in patients with systemic cancer, 652
- Adenocarcinoma of colon: multifocal leukoencephalopathy associated with chemotherapy for, 363
- Adenoid cystic carcinoma: review of malignant tracheal tumors, 680
- Adolescence: carotid sinus syndrome in, 366
- Adrenal insufficiency: transient corticotropin deficiency in critical illness, 435
- Adrenal medullary graft: cerebral transplantation for Parkinson's disease, 578
- α -Adrenergic antagonists: for treatment of benign prostatic hyperplasia, 670
- Aeromedical transport: of critically ill child, 982
- Aging and human pituitary gland, 971**
- Aluminum: detection of renal osteodystrophy related to, 419
- Alzheimer's disease: chronic inflammatory meningoencephalitis resembling, 846
- simultanagnosia as initial sign of degenerative dementia, 955
- 5-Aminosalicylic acid: for maintenance of symptomatic remission in Crohn's disease, 1183
- Amyloidosis: in patients with benign monoclonal gammopathy, 26
- symptomatic gastric in patients with primary systemic, 763

- Ancillary therapies in management of lung cancer: photodynamic therapy, laser therapy, and endobronchial prosthetic devices, 685**
- Anemia: clinical features and splenic pathologic changes in autoimmune and congenital hemolytic, 757
- Anesthesia: and management of postoperative pain, 768
- computer-controlled closed-loop system for continuous infusion of muscle relaxants, 1074
- perioperative ingestion of caffeine and postoperative headache, 842
- Aneurysm of aberrant right subclavian artery: case report and review of literature, 468**
- letter to the editor, 824
- Aneurysms: clinical features and differential diagnosis of aortic dissection, 642
- ultrasonographic diagnosis of aortic dissection, 783
- Angioplasty: for myocardial revascularization before abdominal aortic aneurysmorrhaphy, 637
- new perspectives on coronary restenosis from porcine model, 54
- with excimer laser, 5
- Anticoagulant therapy: standardization of prothrombin time for monitoring orally administered, 897
- Anti-neutrophil cytoplasmic autoantibody tests: for diagnosis of glomerulonephritis and renal vasculitis, 561
- Aortic arch anomalies: surgical treatment of vascular rings, 1056
- Aortic dissection: clinical features and differential diagnosis, 642
- ultrasonographic diagnosis of, 783
- Aortic valve replacement: early thrombotic stenosis of aortic bioprosthetic valves, 703
- Aortopulmonary window: factors associated with early and late success after surgical treatment, 128**
- Apolipoprotein A-II levels and coronary artery disease in subjects with and without diabetes: study with use of specific radioimmunoassay for apolipoprotein A-II, 556**
- editorial, 618

- Apolipoprotein C: quantification by radioimmunoassays, 657
- Approach to solitary pulmonary nodule, 378**
- Arsenic: laboratory testing for, 1210
- Arteriography: for detection of pseudoaneurysm hemorrhage associated with pancreatitis, 895
- Arteriovenous fistulas: ultrasound-guided compression and repair of postangiographic femoral, 612
- Arthroplasty, total hip: blood transfusions after, 37
- population-based study, 11
- Asbestos: occupational exposure and lung cancer, 183
- Assessment of body composition with use of dual-energy x-ray absorptiometry: evaluation and comparison with other methods, 867**
- Athletic injuries: emotional responses to, 939
- thigh, 1099
- Autoantibodies: anti-neutrophil cytoplasmic—tests for diagnosis of glomerulonephritis and renal vasculitis, 561
- Autoimmune hemolytic anemia: and congenital hemolytic anemia, 757
- Autonomic function: review of central autonomic network, 988
- scoring scale for generalized autonomic failure, 748

B

- Back extensor strength: in healthy premenopausal women, 738
- Back pain: Posture Training Support for patients with osteoporosis, 1171
- Balint's syndrome: simultanagnosia as initial sign of degenerative dementia, 955
- Band count: limitation of automated leukocyte differential, 1027
- "Benign" monoclonal gammopathy—after 20 to 35 years of follow-up, 26**
- Benign prostatic hyperplasia: treatment with 5 α -reductase inhibitors and α -adrenergic antagonists, 670
- Benzodiazepines: and learning and memory impairment in older patients, 731

- Bisacodyl:** chronic diarrhea due to surreptitious use of, 355
- Bladder cancer:** radiologic diagnosis of urachal carcinoma, 393
- Blindness of John Milton,** 395
- Blood tests:** minimalist approach to phlebotomy, 249
- Blood transfusion:** hemoglobin level and duration of hospitalization after total hip arthroplasty, 37
- perioperative indications for, 512
- Body composition:** assessment with dual-energy x-ray absorptiometry, 867
- Breast carcinoma:** pseudosclerodermatous panniculitis after megavoltage treatment of, 122
- Breast lesions:** likelihood of malignant disease in mammographically detected nonpalpable, 454
- Bronchial carcinoid tumors,** 795
- Bronchiolitis:** computed tomographic diagnosis of obliterative, 307
- Bronchogenic carcinoma:** approach to solitary pulmonary nodule, 378
- Bronchogenic carcinoma: immunologic aspects,** 386
- "Burnout":** stress among medical oncologists, 614
- Butyric acid:** for treatment of chronic pouchitis after ileal pouch-anal anastomosis, 978
- Bypass grafts:** computed tomographic assessment of patency of coronary artery stents in, 1021
- C**
- Caffeine:** perioperative ingestion and postoperative headache, 842
- Calcification:** differential diagnosis of orbital with computed tomography, 256
- Calcipotriene:** for treatment of psoriasis vulgaris, 835
- Calcitonin:** clinical performance of extraction radioimmunoassay, 1165
- Cancer:** bladder—radiologic diagnosis of urachal carcinoma, 393
- breast—likelihood in mammographically detected nonpalpable lesions, 454
- pseudosclerodermatous panniculitis after megavoltage treatment of, 122
- cholangiocarcinoma in patients with primary sclerosing cholangitis, 874
- colon—multifocal leukoencephalopathy associated with chemotherapy for, 363
- herpes zoster-associated meningoencephalitis in patients with systemic, 652
- lung—see *Symposium on Intrathoracic Neoplasms*
- ocular—see *Symposium on Ocular Tumors*
- prostate—diagnostic techniques, 297
- psychosocial issues in oncologic practice, 161
- thyroid—outcome of patients with "suspicious" cytologic findings, 343
- prolonged remission of metastatic follicular, 1205
- tonsillar—postoperative irradiation for, 665
- trachea, 680
- Carcinoembryonic antigen:** for diagnosis of cholangiocarcinoma in patients with primary sclerosing cholangitis, 874
- Carcinogenic agents:** occupational exposure and lung cancer, 183
- Carcinoid tumors:** review of bronchial, 795
- Carcinoma of lung—see *Symposium on Intrathoracic Neoplasms***
- Cardiac anomalies:** aortopulmonary window, 128
- congenital partial and complete absence of pericardium, 743
- Cardiac disease:** congestive heart failure in Rochester, Minnesota, 1143
- see also *Cardiac anomalies* and *Coronary artery disease*
- Cardiopulmonary resuscitation:** cessation of unsuccessful in pediatric patients, 332
- Cardiovascular imaging:** intracoronary ultrasound for assessment of left main coronary artery disease, 134
- multidimensional echocardiography, 213
- multiplane transesophageal echocardiography, 523
- resting thallium-201 scintigraphy, 63
- three- and four-dimensional ultrasound, 221
- transesophageal echocardiographic identification of thrombus in thoracic aorta, 268
- ultrasonographic diagnosis of aortic dissection, 783
- ultrasound-guided repair of postangiographic femoral arteriovenous fistula, 612
- Cardiovascular responses to immersion in a hot tub in comparison with exercise in male subjects with coronary artery disease,** 19
- Carotid endarterectomy in patients with contralateral carotid occlusion,** 337
- Carotid sinus syndrome and wrestling,** 366
- Cellular rejection:** after liver transplantation, 69
- Central autonomic network: functional organization, dysfunction, and perspective,** 988
- Cerebral blood flow:** carotid endarterectomy in patients with contralateral carotid occlusion, 337
- Cerebral transplantation for Parkinson's disease: current progress and future prospects,** 578
- Cerebrospinal fluid shunts:** laparoscopic placement of, 1064
- Cervical dystonia:** posttraumatic, 443
- Cessation of unsuccessful pediatric resuscitation—how long is too long?** 332
- editorial, 404
- Chemotherapy:** for treatment of unresectable lung cancer, 603
- multifocal leukoencephalopathy and, 363
- Cholangiocarcinoma:** diagnostic role of serum CA 19-9 in patients with primary sclerosing cholangitis, 874
- Cholesterol:** role of meta-analysis in assessment of association with excess mortality, 91
- Chronic active hepatitis:** immunohistochemical characterization of hepatic lymphocytes in autoimmune, 1049
- Chronic diarrhea due to surreptitious use of bisacodyl:** case reports and methods for detection, 355
- Chronic diarrhea in diabetes mellitus: mechanisms and approach to diagnosis and treatment,** 691
- Chronic inflammatory meningoencephalitis should not be mistaken for Alzheimer's disease,** 846
- Chronic pancreatitis:** long-term follow-up of young patients with, 449
- Chronic pouchitis after ileal pouch-anal anastomosis:** responses to butyrate and glutamine suppositories in pilot study, 978
- Chronic total obstruction and short-term outcome: Excimer Laser Coronary Angioplasty Registry experience,** 5
- editorial, 83
- Cirrhosis:** immunohistochemical characterization of hepatic lymphocytes in primary biliary, 1049
- Clinical features and differential diagnosis of aortic dissection: experience with 236 cases (1980 through 1990),** 642
- Clinical features and splenic pathologic changes in patients with autoimmune hemolytic anemia and congenital hemolytic anemia,** 757
- Clinical manifestations of lung cancer,** 273
- Clinical performance of extraction calcitonin radioimmunoassay,** 1165
- Closed-loop infusion system:** for neuromuscular blockade, 1074
- Colonic diverticula:** giant pseudodiverticulum of sigmoid colon, 707
- Commencement address:** health-care challenge, 792
- Competitive athletes: preinjury and postinjury mood state and self-esteem,** 939
- editorial, 1029
- Composite autonomic scoring scale for laboratory quantification of generalized autonomic failure,** 748
- Computed tomography:** differential diagnosis of orbital calcification with, 256
- for diagnosis of lung cancer, 288
- for evaluation of obliterative bronchiolitis, 307
- for evaluation of urachal carcinoma, 393
- ultrafast scanning to assess patency of coronary artery stents in bypass grafts, 1021

- Computerized infusion of muscle relaxants, 1074
- Congenital heart disease: absence of pericardium, 743
- aortopulmonary window, 128
- cor triatriatum, 874
- Congenital hemolytic anemia: and autoimmune hemolytic anemia, 757
- Congenital partial and complete absence of pericardium**, 743
- Congestive heart failure: in Rochester, Minnesota, 1143
- Conjunctival lymphomas: review of ocular adnexal lymphoproliferative lesions, 1003
- Constrictive pericarditis: echocardiographic diagnosis of transient, 1158
- Contusions: thigh injuries in athletes, 1099
- Cor triatriatum: diagnosis, operative approach, and late results**, 854
- Coronary artery disease: and apolipoprotein A-II levels in subjects with and without diabetes, 556
- and hostility, 109
- and hypothyroidism, 860
- computed tomographic assessment of patency of coronary artery stents in bypass grafts, 1021
- effect of hot tub immersion in male subjects with, 19
- intracoronary ultrasound imaging for assessing left main, 134
- restenosis after percutaneous coronary revascularization, 54
- revascularization before abdominal aortic aneurysmorrhaphy, 637
- scintigraphic identification of viable myocardium in patient with severe left ventricular dysfunction due to, 63
- thrombotic stenosis of porcine bioprosthetic valves early after cardiac operation, 703
- treatment with excimer laser angioplasty, 5
- ultrasound-guided repair of postangiographic femoral arteriovenous fistula, 612
- Coronary restenosis: prospects for solution and new perspectives from porcine model**, 54
- editorial, 88
- letter to the editor, 409
- Corticotropin deficiency: in critical illness, 435
- Craniopharyngioma: blindness of John Milton, 395
- Creatine kinase: clinical review of macroenzymes, 349
- Critical illness: in children—role of pediatric transport team, 982
- nutritional support of patients with, 911
- transient corticotropin deficiency in, 435
- Crohn's disease: maintenance of symptomatic remission in, 1183
- Current management of posterior uveal melanoma**, 1196
- Current treatment of unresectable lung cancer**, 603
- Cyclophosphamide-induced hepatotoxicity in patient with Wegener's granulomatosis**, 1203
- Cytology: for diagnosis of lung cancer, 288
- in patients with "suspicious" findings on fine-needle aspiration of thyroid gland, 343

D

- Dementia: chronic inflammatory meningoen- cephalitis resembling Alzheimer's disease, 846
- Demyelinating disease: oligodendrocyte injury in multiple sclerosis, 627
- Dental implants: Mayo Clinic experience, 323
- Detection of subtle aluminum-related renal osteodystrophy**, 419
- editorial, 510
- Detoxification: learning and memory impairment in older benzodiazepine-dependent patients after, 731
- Development of pulmonary hypertension after placement of ventriculoatrial shunt**, 1177
- Diabetes: apolipoprotein A-II levels and coronary artery disease in subjects with and without, 556
- chronic diarrhea in, 691
- control and complications trial, 1126
- Diarrhea: due to surreptitious use of bisacodyl, 355
- in diabetes mellitus, 691
- Diagnostic role of serum CA 19-9 for cholangiocarcinoma in patients with primary sclerosing cholangitis**, 874
- Diagnostic tests for lung cancer**, 288
- Diencephalic autonomic hyperactivity: review of central autonomic network, 988
- Differential diagnosis of orbital calcification as detected on computed tomographic scans**, 256
- Digital embolization from plaque-related thrombus in thoracic aorta: identification with transesophageal echocardiography and resolution with warfarin therapy**, 268
- Digital rectal examination: role in diagnosing early prostate cancer, 297
- 1,25-Dihydroxyvitamin D₃: for treatment of psoriasis vulgaris, 835
- Discriminate value of esophageal symptoms: study of initial clinical findings in 499 patients with dysphagia of various causes**, 948
- editorial, 1031
- Dissecting aneurysm: clinical features and differential diagnosis of aortic dissection, 642
- Diverticulitis: giant pseudodiverticulum of sigmoid colon, 707

- Double esterase: cytochemical and immunocytochemical studies for diagnosis of myelodysplastic syndrome, 47
- Dual-energy x-ray absorptiometry: assessment of body composition with use of, 867
- Ductopenic rejection: after liver transplantation, 69
- Dysautonomia: review of central autonomic network, 988
- Dyslipidemia: and hypertension in patients with insulinoma, 141
- Dysphagia: discriminate value of esophageal symptoms in patients with, 948
- due to ruptured aneurysm of aberrant right subclavian artery, 468
- pneumatic dilation for treatment of achalasia, 1067

E

- Early thrombotic stenosis of aortic bioprosthetic valves: report of two cases**, 703
- Echocardiography: for diagnosis of cor triatriatum, 854
- multidimensional visualization in, 213
- multiplane transesophageal, 523
- three- and four-dimensional cardiovascular ultrasound imaging, 221
- transesophageal—identification of plaque-related thrombus in thoracic aorta, 268
- transient constrictive pericarditis diagnosed by two-dimensional Doppler, 1158

EDITORIALS

- Active vitamin D compounds and analogues: new therapeutic era for dermatology in 21st century, 925
- Can symptoms associated with dysphagia be of discriminate value? 1031
- Congestive heart failure: insights from epidemiology, implications for treatment, 1214
- Decision to halt pediatric resuscitation, 404
- Diabetes control and complications trial: continuing challenge ahead, 1126
- Electronic manipulation to enhance medical photographs, 1220
- For want of a cup of coffee, 928
- Former editors just fade away, 1222
- Importance of metabolic contributions to urolithiasis in pediatric patients, 313
- Keeping conflicting findings in perspective: case of hostility and health, 192
- Lipid and lipoprotein fractions and coronary artery disease, 618
- Management of Graves' ophthalmopathy with optic nerve involvement, 616
- Meta-analysis: its role in medical research and in assessment of association between low levels of cholesterol and excess mortality, 91
- Multiple sclerosis: new insights from old tools, 711

- Myocardial revascularization before repair of aortic aneurysm, 713
- Osseointegrated dental implants—another option in clinical dentistry, 402
- Perioperative indications for red blood cell transfusion—has the pendulum swung too far? 512
- 3-(Phenylamino)alanine—link between eosinophilia-myalgia syndrome and toxic oil syndrome? 197
letter to the editor, 823
- Primary biliary cirrhosis: cells, sera, and soluble factors, 1128
- Problems with benzodiazepines in elderly patients, 818
- Psychology in sports medicine, 1029
- Restenosis "antitheory," 88
- Rhinoscleroma in perspective, 1219
- Risk of osteoporosis in women: importance of distinguishing between physical activity and aerobic capacity, 821
- Role of aluminum in renal osteodystrophy, 510
- Searching for therapeutic niches for new coronary interventional devices: unyielding nature of chronic occlusions, 83
- Three-dimensional echocardiographic reconstruction: from "ice-pick" view to virtual reality, 311
- Vascular rings, slings, and tracheal rings, 1131
- Vasculitis masquerading as vasculitis, 194
- What is the right rate for total hip arthroplasty? 86
- Effect of menstrual cycle on esophageal emptying of liquid and solid boluses, 753**
- Efficacy of vitamin D₃ derivatives in treatment of psoriasis vulgaris: preliminary report, 835**
editorial, 925
- Electronic enhancement of medical photographs, 1220
- Elimination diet: for maintenance of symptomatic remission in Crohn's disease, 1183
- Emergency care: cessation of unsuccessful pediatric resuscitation, 332
transport of critically ill child, 982
- Emotional responses to sports injuries, 939
- Endobronchial stents: ancillary therapies for lung cancer, 685
- Endoscopy: sinus surgery with use of, 571
- Endothelin-1: increased plasma level in Okamoto spontaneously hypertensive rat, 42
- Enucleation: hydroxyapatite orbital implant after, 1191
- Enzymes: clinical review of macroenzymes, 349
- Eosinophilia-myalgia and toxic oil syndromes, 197
- Erythrocyte transfusion: perioperative indications for, 512
- Esophageal emptying: effect of menstrual cycle on, 753
- Esophageal motility: discriminate value of symptoms in patients with dysphagia, 948
pneumatic dilation for treatment of achalasia, 1067
- Esophageal obstruction: discriminate value of symptoms in patients with dysphagia, 948
- Ethics: cessation of unsuccessful pediatric resuscitation, 332
- Etiology of lung cancer, 170**
- Exercise: and back strength in healthy premenopausal women, 738
comparison with hot tub immersion in male subjects with coronary artery disease, 19
vertebral compression fractures sustained during golfing, 566
- Extraction radioimmunoassay: for diagnosis of medullary thyroid cancer, 1165
- Extraocular mass: differential diagnosis of orbital calcification with computed tomography, 256
- F**
- Fetal mesencephalon: cerebral transplantation for Parkinson's disease, 578
- Fetal movements: detection of transplacental hemorrhage by daily counting of, 892
- Fine-needle aspiration biopsy: in management of orbital tumors, 1081
recommendations for patients with "suspicious" thyroid cytologic findings, 343
- 5-Fluorouracil: multifocal leukoencephalopathy associated with, 363
- Follicular thyroid carcinoma: prolonged remission of metastatic, 1205
- Fractures: vertebral compression sustained during golfing, 566
- Functional endoscopic sinus surgery: overview, 571**
- G**
- Gastric amyloidosis: in patients with primary systemic amyloidosis, 763
- Giant pseudodiverticulum of sigmoid colon, 707**
- Glutamine: for treatment of chronic pouchitis after ileal pouch-anal anastomosis, 978
- Golfing: vertebral compression fractures sustained during, 566
- Graves' disease: transfrontal orbital decompression for associated optic neuropathy, 552
- H**
- Headache: perioperative ingestion of caffeine and postoperative, 842
- Health-care challenge (commencement address), 792
- Health services: making time for preventive, 785
- Hematology analyzers: to decrease need for manual leukocyte differential, 1027
- Hemochromatosis: liver biopsy diagnosis of homozygous, 263
- Hemoglobin level: and duration of hospitalization after total hip arthroplasty, 37
- Hemorrhage: fetomaternal detected by daily counting of fetal movements, 892
pseudoaneurysm as complication of pancreatitis, 895
- Hepatic allograft rejection: new developments in terminology, diagnosis, prevention, and treatment, 69**
- Hepatic tumors: detection with magnetic resonance imaging, 147
- Hepatotoxicity: cyclophosphamide-induced in patient with Wegener's granulomatosis, 1203
- Herpes zoster-associated meningoencephalitis in patients with systemic cancer, 652**
- High-resolution computed tomography for obliterative bronchiolitis, 307**
- HISTORICAL PROFILES OF MAYO**
Clinical Reviews at Mayo Clinic, 418
Dr. Christopher Graham, early Mayo partner, 522
Dr. Donald Church Balfour—sixth Mayo partner, surgeon, and educator, 938
Dr. Edward Starr Judd, Mayo partner and master surgeon, 834
Dr. Henry S. Plummer, early Mayo partner, 730
Dr. Melvin C. Millet, early Mayo partner and urologist, 626
Mayo Legal Department, 212
100th birthday of Dr. Samuel F. Haines, 4
120th anniversary of St. Luke's Hospital, 322
75th anniversary of dental surgery at Mayo Clinic, 108
75th anniversary of Mayo dietetics, 1042; 1142
Homozygous hemochromatosis: algorithm for diagnosis, 263
Hostility: and coronary heart disease, 109
Hot tub use: in male subjects with coronary artery disease, 19
- HUMANITIES IN MEDICINE**
Communication and the humanities: nature of the nexus, 921
Falling off the pedestal: what is happening to the traditional doctor-patient relationship? 461
- Hydroxyapatite orbital implant after enucleation—experience with 200 cases, 1191**
- Hypercalciuria: and urolithiasis in pediatric patients, 241
- Hypercholesterolemia: in adults with renal disease, 358
- Hyperinsulinemia: association with hypertension and dyslipidemia, 141
- Hyperlipidemia: in adults with renal disease, 358
- Hyperlipidemia in patients with primary and secondary hypothyroidism, 860**
- Hyperlipoproteinemia in adults with renal disease, 358**

Hypertension: increased plasma levels of endothelin-1 in animal model, 42
pulmonary—idiopathic pulmonary hilar fibrosis causing, 778
renal artery stenosis in patient with renal failure and, 157

Hypertension and dyslipidemia in patients with insulinoma, 141

Hypertriglyceridemia: quantification of human plasma apolipoprotein C by radioimmunoassays in patients with, 657

Hypothyroidism: hyperlipidemia in patients with, 860

I

Iatrogenic anemia: minimalist approach to phlebotomy, 249

Identification of acute transplacental hemorrhage in low-risk patient as result of daily counting of fetal movements, 892

Identification of polymorphism in human neurotensin receptor gene, 1043

Idiopathic pulmonary hilar fibrosis: unusual cause of pulmonary hypertension, 778

Imaging techniques—see under specific modality
Immune response: to bronchogenic carcinoma, 386

Immunocytochemistry: for diagnosis of myelodysplastic syndrome, 47

Immunofluorescence microscopy: for diagnosis of idiopathic necrotizing glomerulonephritis and renal vasculitis, 561

Immunohistochemical characterization of hepatic lymphocytes in primary biliary cirrhosis in comparison with primary sclerosing cholangitis and autoimmune chronic active hepatitis, 1049
editorial, 1128

Immunohistochemistry: study of effects of aging on pituitary gland, 971

Immunosuppressive agents: for prevention of hepatic allograft rejection, 69

In situ hybridization: in progressive multifocal leukoencephalopathy, 899

Incidence and prevalence of congestive heart failure in Rochester, Minnesota, 1143
editorial, 1214

Increased plasma level of endothelin-1 in Okamoto spontaneously hypertensive rat, 42

Insufficiency-type stress fracture, 499

Insulinoma: hypertension and dyslipidemia in patients with, 141

International normalized ratio system: standardization of prothrombin time with use of, 897

Intestinal obstruction: computed tomographic diagnosis of mesenteric volvulus, 1201

Intracoronary ultrasound imaging: for assessing left main coronary artery disease, 134

Intraocular lesion: computed tomographic diagnosis of orbital calcification, 256

Intravitreal large-cell lymphoma, 1011

Irradiation: for management of lung cancer, 593, 603

for tonsillar carcinoma postoperatively, 665
pseudosclerodermatous panniculitis after, 122

J

JC virus: in situ hybridization in progressive multifocal leukoencephalopathy, 899

K

Keeping hostility in perspective: coronary heart disease and Hostility Scale on Minnesota Multiphasic Personality Inventory, 109
editorial, 192

Kidney stones: in pediatric patients, 241

Klebsiella rhinoscleromatis: Mayo Clinic experience with rhinoscleroma, 1151

L

Laparoscopic placement of ventriculoperitoneal shunts: preliminary report, 1064

Large-cell lymphoma: review of intravitreal, 1011

Laser therapy: ancillary treatment for lung cancer, 685

excimer laser coronary angioplasty, 5

Laxative abuse: chronic diarrhea due to surreptitious use of bisacodyl, 355

Learning and memory impairment in older, detoxified, benzodiazepine-dependent patients, 731

editorial, 818

LETTERS TO THE EDITOR

Allergic reactions to latex—Decter BM, Gorra J, 202

Aneurysms of aberrant right subclavian arteries—Edwards WD, Edwards BS, 824

Cutaneous paraneoplastic syndromes associated with lung cancer—Cohen PR, 620

Gestational diabetes mellitus—Greenspoon JS, Morgan R, Sacks DA, 408

Good Samaritan laws—Currier RD, 620

Graphic interpretation of serum parathyroid hormone, calcium, and phosphorus values in primary hyperparathyroidism—Kao PC, Lufkin EG, 96

International normalized ratio and prothrombin time—Friedberg HD; Hirsch RL, 1124

Percutaneous endoscopic gastrostomy—Brzezinski WA, 718

Pulmonary hypertension in patients with eosinophilia-myalgia syndrome or toxic oil syndrome—Cheng TO, 823

Restenosis comes of age—Beranek JT, 409

Silicone gel breast implants—Woods JE, Arnold PG, Meland NB, Clay RP, Petty P, Bite U, 96

Sustained-release niacin for low levels of high-density lipoprotein cholesterol—Lavie CJ, 201

Leukocyte differential, 1027

Leukoencephalopathy: associated with chemotherapy, 363

in situ hybridization in progressive multifocal, 899

Levamisole: multifocal leukoencephalopathy associated with, 363

Levodopa therapy: and cerebral transplantation for Parkinson's disease, 578

Likelihood of malignant disease for various categories of mammographically detected, nonpalpable breast lesions, 454

Lipid profile: and hypothyroidism, 860

Liver biopsy diagnosis of homozygous hemochromatosis: diagnostic algorithm, 263

Liver disease: detection with magnetic resonance imaging, 147

immunohistochemical characterization of hepatic lymphocytes, 1049

Liver transplantation: pulmonary complications of orthotopic, 427

Long-term follow-up of young patients with chronic hereditary or idiopathic pancreatitis, 449

Lung cancer—see *Symposium on Intrathoracic Neoplasms*

Lymphoma: intravitreal large-cell, 1011

of spinal cord, 1097

review of ocular adnexal lymphoproliferative lesions, 1003

review of primary mediastinal neoplasms, 880

Lymphoproliferative disorders: in patients with "benign" monoclonal gammopathy, 26

review of ocular adnexal lesions, 1003

review of pulmonary, 804

M

Macroenzymes: clinical review, 349

Maddox rod testing: for diagnosis of trochlear nerve palsies, 501

Magnetic resonance angiography and detection of renal artery stenosis in patient with impaired renal function, 157

Magnetic resonance imaging: for diagnosis of insufficiency-type stress fracture, 499

for diagnosis of orbital tumors, 1081

for diagnosis of primary lymphoma of spinal cord, 1097

Magnetic resonance imaging of liver: current clinical applications, 147

Maintenance of symptomatic remission in patients with Crohn's disease, 1183

Making "time" for preventive services, 785

Malignant tracheal tumors, 680

Mammography: for evaluation for malignancy in nonpalpable breast lesions, 454

Management of orbital tumors, 1081

Management of postoperative pain: influence of anesthetic and analgesic choice, 768

Mediastinal disorders: fibrosis—unusual cause of pulmonary hypertension, 778

tumors—review of neoplasms other than thymoma, 880

—review of thymoma, 1110

Medical practice: making time for preventive services, 785

Medical treatment of benign prostatic hyperplasia: 5 α -reductase inhibitors and α -adrenergic antagonists, 670

MEDICOLEGAL ISSUES

Apparent skepticism: capital punishment and medical evidence, 80

Ghosts from Samaria: Good Samaritan laws in the hospital, 400

letter to the editor, 620

Near the conflagration: the wide duty to warn, 709

Use and abuse of medical service marks, 1212

Medullary thyroid carcinoma: extraction calcitonin radioimmunoassay for diagnosis of, 1165

Melanoma: management of posterior uveal, 1196

Memory impairment: in older, detoxified, benzodiazepine-dependent patients, 731

Meningoencephalitis: chronic inflammatory resembling Alzheimer's disease, 846

herpes zoster-associated in patients with systemic cancer, 652

Menstrual cycle: and esophageal emptying, 753

Mesenteric volvulus, 1201

Meta-analysis: role in medical research, 91

Milton, John: blindness of, 395

MMPI: coronary heart disease and Hostility Scale on, 109

Molecular cloning: identification of polymorphism in human neurotensin receptor gene, 1043

Molecular epidemiology: etiology of lung cancer, 170

Monoclonal antibodies: immunocytochemical studies of myelodysplastic syndrome, 47

immunologic aspects of bronchogenic carcinoma, 386

Monoclonal gammopathy: long-term follow-up of patients with "benign," 26

Mourning: psychosocial issues in oncologic practice, 161

Multidimensional visualization in echocardiography: introduction, 213

editorial, 311

Multifocal leukoencephalopathy: occurrence during 5-fluorouracil and levamisole therapy and resolution after discontinuation of chemotherapy, 363

Multiplane transesophageal echocardiography: image orientation, examination technique, anatomic correlations, and clinical applications, 523

Multiple sclerosis: and oligodendrocyte injury, 627

Mycobacteria: achalasia, aspiration, and atypical, 1025

Myelodysplastic syndrome: diagnostic implications of cytochemical and immunocytochemical studies, 47

Myeloma: in patients with "benign" monoclonal gammopathy, 26

Myocardial revascularization before abdominal aortic aneurysmorrhaphy: effect of coronary angioplasty, 637

editorial, 713

Myocardial viability: scintigraphic identification in patient with severe left ventricular dysfunction, 63

Myositis ossificans traumatica: thigh injuries in athletes, 1099

N

Nasal disorders: rhinoscleroma, 1151

Neck dissection: perioperative management of prolonged QT syndrome during, 1016

Neck injury: posttraumatic cervical dystonia, 443

Necrotizing glomerulonephritis: anti-neutrophil cytoplasmic autoantibody tests for diagnosis of, 561

Neointimal formation: porcine model of coronary restenosis, 54

Neoplasms: cholangiocarcinoma—serum CA 19-9 for detection of, 874

intrathoracic—see *Symposium on Intrathoracic Neoplasms*

prostatic—algorithm for early detection, 297

—medical treatment of benign hyperplasia, 670

Neuroendocrine tumors: bronchial carcinoid, 795

Neurogenic tumors: review of primary mediastinal neoplasms, 880

Neuromuscular blockade: computer-controlled closed-loop system for continuous infusion of muscle relaxants, 1074

Neuropathy: optic—transfrontal decompression for treatment in patients with Graves' disease, 552

peripheral—scoring scale for generalized autonomic failure, 748

—urinary arsenic in patients with nephropathy and, 1210

Neurotensin receptor: identification of polymorphism in human gene, 1043

Nonradioactive in situ hybridization in progressive multifocal leukoencephalopathy, 899

Nutritional support of critically ill patients, 911

O

Obliterative bronchiolitis: computed tomography for evaluation of, 307

Occupational lung cancer, 183

Ocular adnexal lymphoproliferative lesions, 1003

Ocular tumors—see Symposium on Ocular Tumors

Oligodendrocyte injury is early event in lesions of multiple sclerosis, 627

editorial, 711

Oncogenes: etiology of lung cancer, 170

Oncologic practice: psychosocial issues in, 161

Optic neuropathy: transfrontal orbital decompression for Graves' disease-associated, 552

Oral prostheses: Mayo Clinic experience with tissue-integrated, 323

Orbital disorders: calcification—differential diagnosis with computed tomography, 256

optic neuropathy—transfrontal decompression for treatment of, 552

tumors—see *Symposium on Ocular Tumors*

Orbital implants: hydroxyapatite after enucleation, 1191

Orthotics: Posture Training Support for patients with osteoporosis, 1171

Osseointegration: Mayo Clinic experience, 323

Osteodystrophy: detection of subtle aluminum-related renal, 419

Osteoporosis: Posture Training Support for patients with, 1171

study of back extensor strength in healthy premenopausal women, 738

vertebral compression fractures sustained during golfing in women with, 566

P

Pain management: influence of anesthetic and analgesic choice on postoperative, 768

Palsies of trochlear nerve: diagnosis and localization—recent concepts, 501

Pancreatitis: in children, 449

pseudoaneurysm hemorrhage as complication of, 895

Paranasal sinuses: functional endoscopic surgery for disorders of, 571

Paraneoplastic syndromes: and thymoma, 1110

Paraneoplastic syndromes associated with lung cancer, 278

letter to the editor, 620

Parkinson's disease: cerebral transplantation for, 578

scoring scale for generalized autonomic failure, 748

Parvovirus infection: serologic diagnosis of, 1107

Pediatric patients: cessation of unsuccessful resuscitation in, 332
 pancreatitis in, 449
 transport of critically ill child, 982
 urolithiasis in, 241

Pericardial defect: congenital partial and complete absence of pericardium, 743

Pericardial effusion: echocardiographic diagnosis of transient constrictive pericarditis, 1158

Perioperative ingestion of caffeine and postoperative headache, 842
 editorial, 928

Phlebectomy—minimalist approach, 249

Photodynamic therapy: for management of lung cancer, 685

Physical activity, but not aerobic capacity, correlates with back strength in healthy premenopausal women from 29 to 40 years of age, 738
 editorial, 821

Physician morale: stress among medical oncologists, 614

Pineal lesions: stereotactic procedures for, 965

Pituitary gland: age-related changes in human, 971

Plaque-related thrombus: digital embolization from, 268

Pleural effusions: pulmonary complications of orthotopic liver transplantation, 427

Pneumatic dilation: for treatment of achalasia, 1067

Pneumonia: achalasia, aspiration, and atypical mycobacteria, 1025
 pulmonary complications of orthotopic liver transplantation, 427

Polymorphisms: identification in human neurotensin receptor gene, 1043

Population-based studies: congestive heart failure in Rochester, Minnesota, 1143
 primary total hip arthroplasty in Olmsted County, Minnesota, 11

Porcine bioprosthesis: early thrombotic stenosis of aortic bioprosthetic valves, 703

Postoperative headache: perioperative ingestion of caffeine and, 842

Postoperative irradiation for tonsillar carcinoma, 665

Postoperative pain: influence of anesthetic and analgesic choice on management of, 768

Posttraumatic cervical dystonia, 443

Posture Training Support: preliminary report on series of patients with diminished symptomatic complications of osteoporosis, 1171

Pouchitis: after ileal pouch-anal anastomosis, 978

Preoperative pulmonary function testing for patients with lung cancer, 371

Preventive medicine: making time for, 785

Primary lymphoma of spinal cord, 1097

Primary mediastinal neoplasms (other than thymoma), 880

Primary sclerosing cholangitis: immunohistochemical characterization of hepatic lymphocytes in, 1049
 serum CA 19-9 for diagnosis of cholangiocarcinoma in patients with, 874

Primary systemic amyloidosis: symptomatic gastric amyloidosis in patients with, 763

Progressive multifocal leukoencephalopathy: nonradioactive in situ hybridization in, 899

Prolonged QT syndrome: perioperative management, 1016

Prolonged remission of metastatic follicular thyroid carcinoma, 1205

Proptosis: management of orbital tumors, 1081

Prospective study of anti-neutrophil cytoplasmic autoantibody tests in diagnosis of idiopathic necrotizing-crescentic glomerulonephritis and renal vasculitis, 561

Prostate gland: diagnostic techniques for cancer, 297
 medical treatment of benign hyperplasia, 670

Prostate-specific antigen, digital rectal examination, and transrectal ultrasonography: their roles in diagnosing early prostate cancer, 297

Prothrombin time: standardization with international normalized ratio system, 897

Pseudoaneurysm: ultrasound-guided compression and repair of arteriovenous fistulas, 612

Pseudoaneurysm hemorrhage as complication of pancreatitis, 895

Pseudodiverticulum: of sigmoid colon, 707

Pseudosclerodermatous panniculitis after irradiation: unusual complication of megavoltage treatment of breast carcinoma, 122

Psoriasis: vitamin D₃ for treatment of, 835

Psychosocial issues in oncologic practice, 161

Pulmonary complications of orthotopic liver transplantation, 427

Pulmonary disorders: association of achalasia, aspiration, and atypical mycobacteria, 1025
 Hodgkin's disease—review of lymphoproliferative disorders, 804
 hypertension—development after placement of ventriculoatrial shunt, 1177
 —idiopathic pulmonary hilar fibrosis causing, 778
 in liver transplant patients, 427
 see also *Symposium on Intrathoracic Neoplasms*

Pulmonary function tests: for preoperative assessment in patients with lung cancer, 371

Pulmonary lymphoproliferative disorders, 804

Pulmonary manifestations of extrathoracic malignant lesions, 483

Pulmonary vascular resistance: selection criterion for surgical treatment of aortopulmonary window, 128

Q

Quantification of human plasma apolipoproteins C-I, C-II, and C-III by radioimmunoassays, 657

R

Radiation therapy: for management of lung cancer, 593, 603
 for tonsillar carcinoma postoperatively, 665
 pseudosclerodermatous panniculitis after megavoltage treatment of breast carcinoma, 122

Radioimmunoassay: quantification of human plasma apolipoprotein C by, 657

Radionuclide imaging: for identification of viable myocardium in patient with severe left ventricular dysfunction, 63

Rare pulmonary neoplasms, 492

5 α -Reductase inhibitors: for medical treatment of benign prostatic hyperplasia, 670

Relationship of hemoglobin level and duration of hospitalization after total hip arthroplasty: implications for transfusion target, 37

Renal disease: aluminum-related renal osteodystrophy in dialysis patients, 419
 hyperlipoproteinemia in adults with, 358
 magnetic resonance angiographic detection of renal artery stenosis, 157

Restenosis: prospects for solution from porcine model, 54

Resting thallium-201 scintigraphy for identifying viable myocardium in patient with severe left ventricular dysfunction, 63

Resuscitation: cessation of unsuccessful in pediatric patients, 332

Retinal detachment: blindness of John Milton, 395

Revascularization: excimer laser coronary angioplasty, 5

Rhinoscleroma: growing concern in United States? Mayo Clinic experience, 1151
 editorial, 1219

Ringed sideroblasts: cytochemical and immunocytochemical studies for diagnosis of myelodysplastic syndrome, 47

Role of radiation therapy in management of lung cancer, 593

S

Scintigraphy: resting thallium-201 for identification of viable myocardium, 63

Serologic diagnosis of parvovirus B19 infections, 1107

Serum CA 19-9: for diagnosis of cholangiocarcinoma in patients with primary sclerosing cholangitis, 874

Serum enzymes: clinical review of macroenzymes, 349

Simultanagnosia as initial sign of degenerative dementia, 955

Sinusitis: functional endoscopic surgery for treatment of, 571

Sinusoidal heart rate pattern: transplacental hemorrhage detected by decreased fetal movements and, 892

Spinal lesions: primary lymphoma, 1097

Spleen: pathologic changes in patients with autoimmune and congenital hemolytic anemia, 757

Spontaneous hypertension: increased plasma level of endothelin-1 in Okamoto rats, 42

Sports medicine: emotional responses of competitive athletes to injury, 939
thigh injuries in athletes, 1099

Staging systems of lung cancer, 475

STAMP VIGNETTES

Anders Celsius—temperature scale, 1125

Charles Barkla—Nobel laureate, 1176

Dr. Jennie Kidd Trout—pioneer Canadian physician, 189

Georg von Békésy—audiology and the cochlea, 706

Harvey Williams Cushing—pioneer neurosurgeon, 68

Lou Gehrig—amyotrophic lateral sclerosis, 929

Medical mythology: Hygeia, 441

Nikola Tesla—pioneer of modern electrical power, 370

Sir Andrew Huxley—1963 Nobel Prize winner, 1002

Sir Bernard Katz—winner of Nobel Prize in physiology or medicine, 262

Standardization of prothrombin time for monitoring orally administered anticoagulant therapy with use of international normalized ratio system, 897
letters to the editor, 1124

Starvation: nutritional support of critically ill patients, 911

Stereotactic procedures for lesions of pineal region, 965

Stereotaxic biopsy: ultrastructural demonstration of oligodendrocyte injury in multiple sclerosis, 627

Stress among medical oncologists: phenomenon of burnout and call to action, 614

Stress fracture: magnetic resonance appearance of insufficiency-type, 499

Stroke: carotid endarterectomy in patients with contralateral carotid occlusion, 337

Substantia nigra: identification of polymorphism in human neurotensin receptor gene from, 1043

Surgical treatment of vascular rings: Mayo Clinic experience, 1056
editorial, 1131

"Suspicious" thyroid cytologic findings: outcome in patients without immediate surgical treatment, 343

SYMPOSIUM ON INTRATHORACIC NEOPLASMS

Ancillary therapies in management of lung cancer: photodynamic therapy, laser therapy, and endobronchial prosthetic devices, 685

Approach to solitary pulmonary nodule, 378

Bronchial carcinoid tumors, 795

Bronchogenic carcinoma: immunologic aspects, 386

Clinical manifestations of lung cancer, 273

Current treatment of unresectable lung cancer, 603

Diagnostic tests for lung cancer, 288

Etiology of lung cancer, 170

Introduction, 168

Malignant tracheal tumors, 680

Occupational lung cancer, 183

Paraneoplastic syndromes associated with lung cancer, 278

Preoperative pulmonary function testing for patients with lung cancer, 371

Primary mediastinal neoplasms (other than thymoma), 880

Pulmonary lymphoproliferative disorders, 804

Pulmonary manifestations of extrathoracic malignant lesions, 483

Rare pulmonary neoplasms, 492

Role of radiation therapy in management of lung cancer, 593

Staging systems of lung cancer, 475

Thymoma, 1110

SYMPOSIUM ON OCULAR TUMORS

Current management of posterior uveal melanoma, 1196

Hydroxyapatite orbital implant after enucleation—experience with 200 cases, 1191

Intravitreal large-cell lymphoma, 1011

Introduction, 1003

Management of orbital tumors, 1081

Ocular adnexal lymphoproliferative lesions, 1003

Symptomatic gastric amyloidosis in patients with primary systemic amyloidosis, 763

Syncope: carotid sinus syndrome and wrestling, 366

T

Temporal arteritis: associated with Wegener's granulomatosis, 115

Testing for arsenic, 1210

Thallium-201: scintigraphic identification of viable myocardium, 63

Thigh injuries in athletes, 1099

Third ventriculostomy: stereotactic procedures for lesions of pineal region, 965

Three- and four-dimensional cardiovascular ultrasound imaging: new era for echocardiography, 221

editorial, 311

Thromboembolism: pulmonary manifestation of extrathoracic malignant lesions, 483

transesophageal echocardiographic identification of source of digital embolization, 268

Thrombosis: of aortic bioprosthetic valves, 703

porcine model of coronary restenosis, 54

Thymoma, 1110

Thyroid disorders: metastatic follicular carcinoma, 1205

nodules—outcome in patients with "suspicious" thyroid cytologic findings, 343

Tissue-integrated dental prostheses: first 78 months of experience at Mayo Clinic, 323
editorial, 402

Tissue iron analysis: liver biopsy diagnosis of homozygous hemochromatosis, 263

TNM system: staging systems of lung cancer, 475

Tonsillar carcinoma: postoperative irradiation for, 665

Torticollis: posttraumatic cervical dystonia, 443

Total body water: assessment of body composition with dual-energy x-ray absorptiometry, 867

Total hip arthroplasty: population-based study in Olmsted County, Minnesota, 11
relationship of hemoglobin level and duration of hospitalization after, 37

Tracheal tumors: review of malignant, 680

Tracheoesophageal obstruction: surgical treatment of vascular rings, 1056

Transesophageal echocardiography: identification of thrombus in thoracic aorta by, 268

multidimensional visualization in echocardiography, 213

multiplane—image orientation, examination, anatomic correlations, clinical applications, 523

three- and four-dimensional cardiovascular ultrasound imaging, 221

Transfrontal orbital decompression after failure of transantral decompression in optic neuropathy of Graves' disease, 552
editorial, 616

Transient constrictive pericarditis: diagnosis by two-dimensional Doppler echocardiography, 1158

Transient corticotropin deficiency in critical illness, 435

Transit studies: effect of menstrual cycle on esophageal emptying, 753

Transplacental hemorrhage: detected by daily counting of fetal movements, 892

Transplantation: cerebral—for Parkinson's disease, 578

liver—pulmonary complications of orthotopic, 427
—review of hepatic allograft rejection, 69

Transport of critically ill child, 982

Transrectal ultrasonography: role in diagnosing early prostate cancer, 297

Trends in utilization of primary total hip arthroplasty, 1969 through 1990: population-based study in Olmsted County, Minnesota, 11

editorial, 86

Trochlear nerve palsy: diagnosis and localization, 501

Tumor necrosis factor: and transient corticotropin deficiency in critical illness, 435

U**Ultrafast computed tomographic scanning to assess patency of coronary artery stents in bypass grafts, 1021**

Ultrasonography: compression and repair of postangiographic femoral arteriovenous fistulas with use of, 612

for diagnosis of aortic dissection, 783

intracoronary—for assessment of left main coronary artery disease, 134

multidimensional visualization in echocardiography, 213

three- and four-dimensional cardiovascular imaging, 221

transrectal—for diagnosis of early prostate cancer, 297

Ultrasound-guided compression and repair of postangiographic femoral arteriovenous fistulas, 612

Unresectable lung cancer: current treatment of, 603

Upper airway infection: rhinoscleroma, 1151

Urolithiasis in pediatric patients, 241
editorial, 313

Use of intracoronary ultrasound imaging for assessing left main coronary artery disease, 134

Use of ultrasonography for diagnosis of aortic dissection, 783

Utilization rate: total hip arthroplasty in Olmsted County, Minnesota, 11

Uveal melanomas: management of posterior, 1196

V

Vascular anomalies: aneurysm of aberrant right subclavian artery, 468

Vascular rings: surgical treatment of, 1056

Vasculitis: of temporal artery associated with Wegener's granulomatosis, 115

renal—autoantibody tests for diagnosis of necrotizing glomerulonephritis and, 561

Venipuncture: minimalist approach to phlebotomy, 249

Ventricular fibrillation: perioperative management of prolonged QT syndrome, 1016

Ventriculoatrial shunts: development of pulmonary hypertension after placement of, 1177

Ventriculoperitoneal shunts: laparoscopic placement of, 1064

Versatile, computer-controlled, closed-loop system for continuous infusion of muscle relaxants, 1074

Vertebral compression fractures sustained during golfing: report of three cases, 566

Vertical diplopia: diagnosis and localization of trochlear nerve palsies, 501

Vitamin D₃ derivatives: efficacy in psoriasis vulgaris, 835

Volvulus: computed tomographic diagnosis of mesenteric, 1201

W

Wegener's granulomatosis: cyclophosphamide-induced hepatotoxicity in patient with, 1203

Wegener's granulomatosis associated with vasculitis of temporal artery: report of five cases, 115

editorial, 194

Wrestling: and carotid sinus syndrome, 366



